## IN THE CLAIMS

Please amend claims 4 and 7-11 as follows.

1. (Previously Presented) A system for authenticating a PIN code of a user in an interactive information system in order to run an application, the system comprising:

an input device for entering a PIN code of a user;

a security manager configured to:

receive a request for user authentication from the application;

compare a received PIN code of the user with a registered PIN code, in response to said request;

supply information to the application about PIN code entering key-pressing operations by the user, wherein the entered PIN code is not supplied to the application; and

give authorization to run said application if the PIN code of the user matches the registered PIN code;

wherein the application is configured to present a PIN entry field, wherein crypted information corresponding to said information about PIN code entering key-pressing operations received from the security manager is displayed in the PIN entry field.

2. (Previously Presented) A system according to claim 1 wherein the application comprises a television program.

3. (Previously Presented) A system according to claim 1, wherein the application comprises a service provided on a mobile telephone.

4. (Currently Amended) A method for authenticating a PIN code of a user in an interactive information system, in order to run an application, the method comprising:

receiving a request from a user to run the application;

the application presenting a PIN entry field in response to said request;

a security manager <u>comprising a processor</u>:

receiving a request for user authentication from the application;

supplying information to the application about PIN code entering key-
pressing operations by the user, wherein the entered PIN code is not
supplied to the application;

comparing an entered PIN code of the user with a registered PIN code;

giving authorisation to run said application if the PIN code of the user
matches the registered PIN code;

wherein the application is configured to present in the PIN entry field crypted
information corresponding to the information about PIN code entering key-
pressing operations received from the security manager.


5. (Previously Presented) A method according to claim 4, further comprising:

the application asking the security manager to enter a PIN entry mode;

checking if keys are pressed by the user;

responsive to keys being pressed, giving feedback in entering said crypted digits
in said PIN entry field; , and

if the user is authenticated by said security manager, giving said authorisation
to run the application.


6. (Previously Presented) A method according to any of claims 4 and 5, wherein the
method further comprises

the security manager initializing to empty a PIN repertory;

waiting for a key to be pressed by the user;

upon occurrence of pressing an ending key, checking if a release occurs;

checking the entered PIN against the user's PIN; and

if the entered PIN matches the user's PIN, authorising the application to run.


7. (Currently Amended) A method according to any of claims 4 to ~~6~~ <u>5</u>, wherein the
application comprises a television program.

8. (Currently Amended) A method according to any of claims 4 to 6 5, wherein the application comprises a service provided on a mobile telephone.

9. (Currently Amended) A non-transitory computer readable storage medium comprising executable instructions for authenticating a PIN code of a user in order to run an application, wherein the program instructions are operable to:

      receive a request for user authentication from the application;

      supply information to the application about PIN code entering key-pressing

            operations by the user, wherein the entered PIN code is not supplied to the

            application; and

      give authorization to run said application if the PIN code of the user matches the

            registered PIN code;

      wherein the application is configured to present a PIN entry field, wherein crypted

            information corresponding to said information about PIN code entering

            key-pressing operations received from the security manager is displayed in

            the PIN entry field.

10. (Currently Amended) A non-transitory computer readable storage medium according to claim 9, wherein the application comprises a television program.

11. (Currently Amended) A non-transitory computer readable storage medium according to claim 9, wherein the application comprises a service provided on a mobile telephone.